



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
29.08.2001 Bulletin 2001/35

(51) Int Cl.7: F16D 66/02, G01B 7/06

(43) Date of publication A2:
15.11.2000 Bulletin 2000/46

(21) Application number: 00110079.1

(22) Date of filing: 12.05.2000

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 14.05.1999 IT TO990408
12.04.2000 IT TO000344

(71) Applicant: I.C.P. S.r.l.
14020 Piova' Massaia (IT)

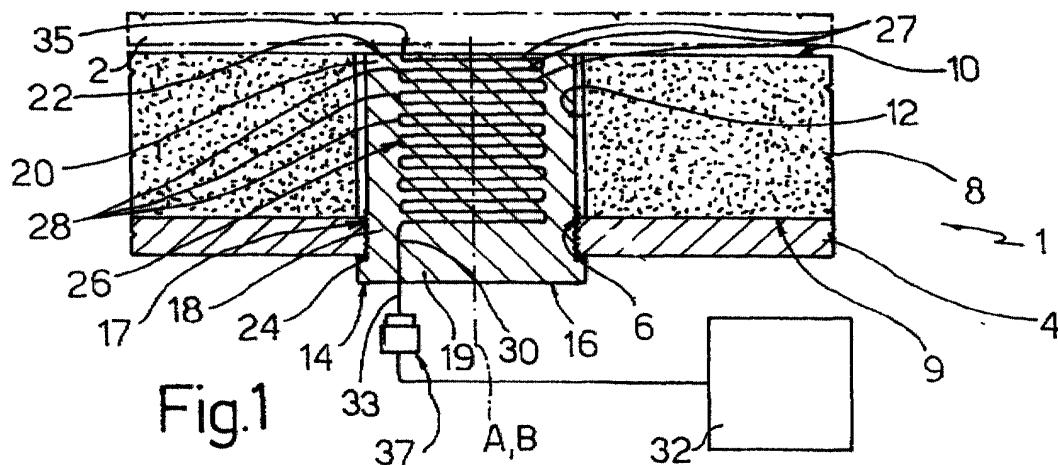
(72) Inventor: Razzano, Tancredi
14020 Piova' Massaia (IT)

(74) Representative: Cerbaro, Elena, Dr. et al
STUDIO TORTA S.r.l.,
Via Viotti, 9
10121 Torino (IT)

(54) Wear detector for a vehicle braking member

(57) A vehicle braking member (1) has a block (8) of friction material cooperating in sliding manner with a respective member (2) for braking, and supports a wear detector (14) wherein a resistive element (26), consumed simultaneously with the block (8) of friction ma-

terial, has a first electric terminal (28) set, in use, to a reference potential, and a single second electric terminal (27) cooperating in sliding manner with the member for braking (2) so as to be set to the same potential as the member for braking.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 11 0079

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	DE 87 10 053 U (PREH) 17 September 1987 (1987-09-17) * page 7, line 14 – page 8, line 5; figure 1 *	1-9,11, 19-22,24	F16D66/02 G01B7/06
X	US 3 958 445 A (HOWARD ET AL.) 25 May 1976 (1976-05-25) * column 2, line 34 – line 68; figure 1 *	1-4,8, 10,11, 18,19, 23,24	
X	US 4 641 519 A (KLEIN ET AL.) 10 February 1987 (1987-02-10) * column 3, line 21 – line 35; claims 14,15; figure 1 *	1-4,8, 10,11, 19,20, 23,24	
X	DE 24 50 761 A (SANDER) 29 April 1976 (1976-04-29) * page 3, line 7 – line 22; figure 1 *	1,19,24	
A	EP 0 465 954 A (MANNESMANN KIENZLE) 15 January 1992 (1992-01-15) -----		F16D G01B
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	11 July 2001	Becker, R	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
O : non-written disclosure	L : document cited for other reasons		
P : intermediate document	& : member of the same patent family, corresponding document		

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 11 0079

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-07-2001

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 8710053	U	17-09-1987	NONE		
US 3958445	A	25-05-1976	AU	476306 B	16-09-1976
			AU	7257774 A	26-02-1976
			CA	1060560 A	14-08-1979
			DE	2440601 A	13-03-1975
			FR	2242603 A	28-03-1975
			GB	1433315 A	28-04-1976
			IT	1020213 B	20-12-1977
			JP	50050562 A	07-05-1975
US 4641519	A	10-02-1987	DE	3425825 A	23-01-1986
			JP	61051572 A	14-03-1986
DE 2450761	A	29-04-1976	NONE		
EP 465954	A	15-01-1992	DE	9010354 U	13-09-1990
			DE	59106120 D	07-09-1995